

CROWN SUPPLEMENTS

Raw Material Certificate of Analysis Record

CERTIFICATE OF ANALYSIS

Product Name:	N-Acetyl-L-Cysteine	Batch Number:	NAC20250519
Batch Size:	1600 KG		

ANALYSIS	SPECIFICATION	RESULT	METHOD
Identification	Corresponds to Standard	Conforms	USP43
Appearance	White Powder	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Olfactory
Particle size	98% through 60 mesh	Conforms	CP2010
Loss on Drying	≤0.5%	0.21%	CP2010
Residue on Ignition	≤0.2%	0.08%	CP2010
Assay	≥98.0%	99.0%	AJI Test 16
Specific Rotation	+21.3° to +27°	+25.5°	AJI Test 1
State of Solution	≥98.0%	99.0%	AJI Test 2
Chlorides	≤0.04%	Conforms	AJI Test 3
Ammonium	≤0.02%	Conforms	AJI Test 4
Sulfate	≤0.03%	Conforms	AJI Test 5
Iron	≤20 ppm	Conforms	AJI Test 6
Total Heavy Metals	≤10 ppm	Conforms	AAS
Arsenic (As)	≤1 ppm	Conforms	AAS
Total Plate Count	≤1,000 cfu/g	Conforms	GB/T4789.2
Total Yeast & Mold	≤100 cfu/g	Conforms	GB/T4789.15
E. coli	Negative	Conforms	GB/T4789.3
Salmonella	Negative	Conforms	GB/T4789.4
Conclusion	Conforms to specification		
Packaging & Storage	Packed in paper carton outside and two PE bags inside. NW: 25KG		

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